

## **RAW SEQUENCE LISTING**

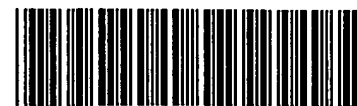
**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/564,886 A

Source: 1 FWO

Date Processed by STIC: 10/20/06

# ***ENTERED***



IFWO

## RAW SEQUENCE LISTING

DATE: 10/20/2006

PATENT APPLICATION: US/10/564,886A

TIME: 08:41:31

Input Set : F:\11168\_242.ST25 revised July 2006.txt

Output Set: N:\CRF4\10202006\J564886A.raw

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3 <110> APPLICANT: McGill University
4       Sonenberg, Nahum
5       Lopez-Lastra, Marcelo
7 <120> TITLE OF INVENTION: Method for Inducing Hepatitis C Virus (HCV) Replication in
Vitro,
8       Cells and Cell Lines Enabling Robust HCV Replication and Kit
9       Therefor
11 <130> FILE REFERENCE: 11168.278
13 <140> CURRENT APPLICATION NUMBER: 10/564,886A
14 <141> CURRENT FILING DATE: 2006-01-17
16 <150> PRIOR APPLICATION NUMBER: CA 2,454,540
17 <151> PRIOR FILING DATE: 2004-02-06
19 <150> PRIOR APPLICATION NUMBER: CA 2,436,104
20 <151> PRIOR FILING DATE: 2003-07-14
22 <160> NUMBER OF SEQ ID NOS: 37
24 <170> SOFTWARE: PatentIn version 3.2
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 266
28 <212> TYPE: DNA
29 <213> ORGANISM: Hepatitis C virus
32 <220> FEATURE:
33 <221> NAME/KEY: misc_feature
34 <222> LOCATION: (157)..(157)
35 <223> OTHER INFORMATION: n = G or T
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40 gagtgtcgtg cagcctccag gacccccctt cccgggagag ccatagtggg ctgcggaacc      120
W--> 42 ggtgagtaca ccggaattgc caggacgacc gggtcctttc ttggataaac ccgctcacat      180
44 gcctggagat ttgggcgtgc cccgcgaaga ctgctagccg agtagtggtg ggtcgcgaaa      240
46 ggccttggtg tactgcctga tagggt                                     266
49 <210> SEQ ID NO: 2
50 <211> LENGTH: 265
51 <212> TYPE: DNA
52 <213> ORGANISM: Epstein Barr virus
54 <400> SEQUENCE: 2
55 cactccctg tgaggaacta ctgtcttcac gcagaaagcg tctagccatg gcgttagtat      60
57 gagtgtcgtg cagcctccag gacccccctt cccgggagag ccatagtggg ctgcggaacc      120
59 ggtgagtaca ccggaattgc caggacgacc gggtcctttc ttggattaac ccgctcaatg      180
61 cctggagatt tgggcgtgcc cccgcgagac tgctagccga gtagtggttg gtcgcgaaa      240
63 gccttggtgt actgcctgat aggggt                                     265
66 <210> SEQ ID NO: 3
67 <211> LENGTH: 226
68 <212> TYPE: DNA
69 <213> ORGANISM: Hepatitis C virus

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71 <400> SEQUENCE: 3
72 ccaggacccc cctccccggg agagccatag tggctctgcgg aaccggtgag tacaccggaa      60
74 ttgccaggac gaccgggtcc tttcttgat aaaccgctc aatgcctgga gatttgggcg      120
76 tgcccccgca agactgctag ccgagtagtg ttgggtcgcg aaaggccttg tggtagtgcc      180
78 tgatagggtg cttgcgagtg ccccgggagg tctcgtagac cgtgca                    226
81 <210> SEQ ID NO: 4
82 <211> LENGTH: 226
83 <212> TYPE: DNA
84 <213> ORGANISM: Epstein Barr virus
86 <400> SEQUENCE: 4
87 ccaggacccc cctccccggg agagccatag tggctctgcgg aaccggtgag tacaccggaa      60
89 ttgccaggac gaccgggtcc tttcttgat aaaccgctc aatgcctgga gatttgggcg      120
91 tgcccccgca agactgctag ccgagtagtg ttgggtcgcg aaaggccttg tggtagtgcc      180
93 tgatagggtg cttgcgagtg ccccgggagg tctcgtagac cgtgca                    226
96 <210> SEQ ID NO: 5
97 <211> LENGTH: 131
98 <212> TYPE: DNA
99 <213> ORGANISM: Hepatitis C virus
101 <400> SEQUENCE: 5
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104 gagtgtcgtg cagcctccag gacccccct cccgggagag ccatagtggg ctgcggaacc      120
106 ggtgagtaca c                                                            131
109 <210> SEQ ID NO: 6
110 <211> LENGTH: 131
111 <212> TYPE: DNA
112 <213> ORGANISM: Epstein Barr virus
114 <400> SEQUENCE: 6
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117 gagtgtcgtg cagcctccag gacccccct cccgggagag ccatagtggg ctgcggaacc      120
119 ggtgagtaca c                                                            131
122 <210> SEQ ID NO: 7
123 <211> LENGTH: 131
124 <212> TYPE: DNA
125 <213> ORGANISM: Epstein Barr virus
127 <400> SEQUENCE: 7
128 cactcccctg tgaggaacta ctgtcttcac gcagaaagcg tctagccatg gcgttagtat      60
130 gagtgtcgtg cagcctccag gacccccct cccgggagag ccatagtggg ctgcggaacc      120
132 ggtgagtaca c                                                            131
135 <210> SEQ ID NO: 8
136 <211> LENGTH: 131
137 <212> TYPE: DNA
138 <213> ORGANISM: Epstein Barr virus
140 <400> SEQUENCE: 8
141 cactcccctg tgaggaacta ctgtcttcac gcagaaagcg tctagccatg gcgttagtat      60
143 gagtgtcgtg cagcctccag gacccccct cccgggagag ccatagtggg ctgcggaacc      120
145 ggtgagtaca c                                                            131
148 <210> SEQ ID NO: 9
149 <211> LENGTH: 131
150 <212> TYPE: DNA

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151 <213> ORGANISM: Epstein Barr virus
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154 cactcccctg tgaggaacta ctgtcttcac gcagaaagcg tctagccatg gcgttagtat      60
156 gagtgtcgtg cagcctccag gacccccct cccgggagag ccatagtggg ctgcggaacc      120
158 ggtgagtaca c                                                              131
161 <210> SEQ ID NO: 10
162 <211> LENGTH: 131
163 <212> TYPE: DNA
164 <213> ORGANISM: Epstein Barr virus
166 <400> SEQUENCE: 10
167 cactcccctg tgaggaacta ctgtcttcac gcagaaagcg tctagccatg gcgttagtat      60
169 gagtgtcgtg cagcctccag gacccccct cccgggagag ccatagtggg ctgcggaacc      120
171 ggtgagtaca c                                                              131
174 <210> SEQ ID NO: 11
175 <211> LENGTH: 171
176 <212> TYPE: DNA
177 <213> ORGANISM: Hepatitis C virus
179 <400> SEQUENCE: 11
180 cggaattgcc aggacgaccg ggtcctttct tggataaacc cgctcaatgc ctggagattt      60
182 gggcgtgccc ccgcaagact gctagccgag tagtggtggg tcgcgaaagg ccttgtggta      120
184 ctgcctgata ggggtgcttg gagtgccccg ggaggtctcg tagaccgtgc a              171
187 <210> SEQ ID NO: 12
188 <211> LENGTH: 171
189 <212> TYPE: DNA
190 <213> ORGANISM: Epstein Barr virus
192 <400> SEQUENCE: 12
193 cggaattgcc aggacgaccg ggtcctttct tggataaacc cgctcaatgc ctggagattt      60
195 gggcgtgccc ccgcaagact gctagccgag tagtggtggg tcgcgaaagg ccttgtggta      120
197 ctgcctgata ggggtgcttg gagtgccccg ggaggtctcg tagaccgtgc a              171
200 <210> SEQ ID NO: 13
201 <211> LENGTH: 171
202 <212> TYPE: DNA
203 <213> ORGANISM: Epstein Barr virus
205 <400> SEQUENCE: 13
206 cggaattgcc aggacgaccg ggtcctttct tggattaacc cgctcaatgc ctggagattt      60
208 gggcgtgccc ccgcgagact gctagccgag tagtggtggg tcgcgaaagg ccttgtggta      120
210 ctgcctgata ggggtgcttg gagtgccccg ggaggtctcg tagaccgtgc a              171
213 <210> SEQ ID NO: 14
214 <211> LENGTH: 171
215 <212> TYPE: DNA
216 <213> ORGANISM: Epstein Barr virus
218 <400> SEQUENCE: 14
219 cggaattgcc gggaagactg ggtcctttct tggataaacc cactctatgc ccggccattt      60
221 gggcgtgccc ccgcaagact gctagccgag tagcggtggg ttgcgaaagg ccttgtggta      120
223 ctgcctgata ggggtgcttg gagtgccccg ggaggtctcg tagaccgtgc a              171
226 <210> SEQ ID NO: 15
227 <211> LENGTH: 171
228 <212> TYPE: DNA
229 <213> ORGANISM: Epstein Barr virus

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231 <400> SEQUENCE: 15
232 cggaattgcc aggacgaccg ggtcctttct tggataaacc cgctcaatgc ctggagattt      60
234 gggcgtgccc ccgcaagact gctagccgag tagtggtggg tcgcgaaagg ccttgaggta      120
236 ctgcctgata gggtgcttgc gagtgccccg ggaggtctcg tagaccgtgc a              171
239 <210> SEQ ID NO: 16
240 <211> LENGTH: 171
241 <212> TYPE: DNA
242 <213> ORGANISM: Epstein Barr virus
244 <400> SEQUENCE: 16
245 cggaattgcc aggacgaccg ggtcctttct tggattaatc cgctcaatgc ctggagattt      60
247 gggcgtgccc ccgcaagact gctagccgag tagtggtggg tcgcgaaagg ccttgaggta      120
249 ctgcctgata gggtgcttgc gagtgccccg ggaggtctcg tagaccgtgc a              171
252 <210> SEQ ID NO: 17
253 <211> LENGTH: 383
254 <212> TYPE: DNA
255 <213> ORGANISM: Epstein Barr virus
257 <400> SEQUENCE: 17
258 gccagccccc tgatgggggc gacactccac catgaatcac tcccctgtga ggaactactg      60
260 tcttcacgca gaaagcgtct agccatggcg ttagtatgag tgcgtgcag cctccaggac      120
262 cccccctccc gggagagcca tagtggtctg cggaaccggt gactacaccg gaattgccag      180
264 gacgaccggg tcctttcttg gataaaccgc ctcaatgcct ggagatttgg gcgtgcccc      240
266 gcaagactgc tagccagta gtgttgggtc gcgaaaggcc ttgtggtact gcctgatagg      300
268 gtgcttgcca gtgccccggg aggtctcgta gaccgtgcac catgagcacg aatcctaaac      360
270 ctcaaagaaa aaccaaactg aac              383
273 <210> SEQ ID NO: 18
274 <211> LENGTH: 26
275 <212> TYPE: DNA
276 <213> ORGANISM: Hepatitis C virus
278 <400> SEQUENCE: 18
279 atggggggcga cactccacca tgaatc              26
282 <210> SEQ ID NO: 19
283 <211> LENGTH: 25
284 <212> TYPE: DNA
285 <213> ORGANISM: Hepatitis C virus
287 <400> SEQUENCE: 19
288 gttacgtttg gttttcttt gaggt              25
291 <210> SEQ ID NO: 20
292 <211> LENGTH: 24
293 <212> TYPE: DNA
294 <213> ORGANISM: Hepatitis C virus
296 <400> SEQUENCE: 20
297 tgttttcacg cagaaagcgt ctag              24
300 <210> SEQ ID NO: 21
301 <211> LENGTH: 23
302 <212> TYPE: DNA
303 <213> ORGANISM: Hepatitis C virus
305 <400> SEQUENCE: 21
306 caagcaccct atcaggcagt acc              23
309 <210> SEQ ID NO: 22

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310 <211> LENGTH: 20
311 <212> TYPE: DNA
312 <213> ORGANISM: Artificial Sequence
314 <220> FEATURE:
315 <223> OTHER INFORMATION: Synthetic Oligonucleotide
317 <400> SEQUENCE: 22
318 gtggggcgcc ccaggcacca                                20
321 <210> SEQ ID NO: 23
322 <211> LENGTH: 24
323 <212> TYPE: DNA
324 <213> ORGANISM: Artificial Sequence
326 <220> FEATURE:
327 <223> OTHER INFORMATION: Synthetic Oligonucleotide
329 <400> SEQUENCE: 23
330 gtccttaatg tcacgcacga ttcc                            24
333 <210> SEQ ID NO: 24
334 <211> LENGTH: 21
335 <212> TYPE: DNA
336 <213> ORGANISM: Hepatitis C virus
338 <400> SEQUENCE: 24
339 gaagatgact tagatgttgt t                               21
342 <210> SEQ ID NO: 25
343 <211> LENGTH: 23
344 <212> TYPE: DNA
345 <213> ORGANISM: Hepatitis C virus
347 <400> SEQUENCE: 25
348 aaccttgata aggtgccatg ctt                            23
351 <210> SEQ ID NO: 26
352 <211> LENGTH: 21
353 <212> TYPE: DNA
354 <213> ORGANISM: Artificial Sequence
356 <220> FEATURE:
357 <223> OTHER INFORMATION: Synthetic Oligonucleotide
359 <400> SEQUENCE: 26
360 cgtctagcca tggcgtagg t                               21
363 <210> SEQ ID NO: 27
364 <211> LENGTH: 17
365 <212> TYPE: DNA
366 <213> ORGANISM: Artificial Sequence
368 <220> FEATURE:
369 <223> OTHER INFORMATION: Synthetic Oligonucleotide
371 <400> SEQUENCE: 27
372 cctgcgcggc aagtaaa                                    17
375 <210> SEQ ID NO: 28
376 <211> LENGTH: 18
377 <212> TYPE: DNA
378 <213> ORGANISM: Artificial Sequence
380 <220> FEATURE:
381 <223> OTHER INFORMATION: Synthetic Oligonucleotide

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RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 10/20/2006  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 157

**VERIFICATION SUMMARY**

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Input Set : F:\11168\_242.ST25 revised July 2006.txt

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L:42 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:120